

Two-Year Recovery Act Anniversary: **Western Massachusetts Clean Energy Successes Highlighted**

Recovery Grants and Projects

Adams - \$55,125

- The Town of Adams will use funding to support a 7 kilowatt (kW) solar PV project for a municipal wastewater treatment plant.

Alford, Monterey, and Sheffield - \$308,733

- These three towns will complete a thermal efficiency improvement project at the Southern Berkshire Regional School District Elementary/Middle/High School building, including a new building automation system and retro-commissioning of existing system components, and installation of demand-controlled ventilation in the school gymnasiums, cafeteria, and auditorium.

Amherst - Hampshire College Music and Dance Building - \$49,760

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 37 kW system

Ashfield - Architectural Heritage Foundation's Bullitt Reservation - \$110,000

- In partnership with Historic New England and the Trustees of Reservations, the Foundation will complete Deep Energy Retrofits at three historic properties in the Commonwealth using a total of \$650,000 in stimulus funds.
- As part of this project, the Bullitt Reservation will be super-insulated and aggressively air-sealed, with the goal of attaining certification as a "passive house," which uses little to no fossil fuel heat.

Becket - \$150,000

- The Town of Becket will implement thermal efficiency improvements at the Becket Fire Station #2 and the Ambulance Garage, including a boiler replacement and building envelope improvements.

Belchertown - \$149,812

- The Town of Belchertown will replace the oil-fired boiler at Lawrence Memorial Hall with high-efficiency equipment as part of a larger performance contract that will consist of multiple energy saving projects at municipal facilities throughout Belchertown.
- Belchertown also received an award of technical assistance consulting services to assist the town with its performance contract.

Bernardston, Greenfield, Northfield, and Whately – A.R. Sandri Companies – \$3.2 Million

- A **\$3.2 million** grant to the **A.R. Sandri Companies** will assist a program to convert area fuel oil heating systems to wood pellet boilers. Sandri will also invest in the area's distribution infrastructure in order to provide future wood-pellet supplies to the participating businesses and organizations listed below:

- Bernardston: The Fox Inn
 - Greenfield: Stoneleigh-Burnham School
 - Greenfield: Sandri Headquarters
 - Greenfield: Greenfield Fire Station
 - Greenfield: Greenfield Community College
 - Northfield: Linden Hill School
 - Whately: Happy Valley Organic Farm
- In addition, Sandri will partner with local utilities to provide incentives for energy assessments and weatherization for homeowners, as well as offer rebates for residential ultra-low-emission wood pellet boilers

Charlemont - \$150,000

- The Town of Charlemont will replace windows in the historic Town Hall building as part of a performance contract to improve energy efficiency throughout Charlemont's three town buildings
- Charlemont also received an award of technical assistance consulting services to assist with the performance contract.

Chicopee – Covidien - \$162,320

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 200 kW system

Chicopee - Salesmaster Associates Inc.: \$97,550

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 85 kW system

Conway - \$70,000

- The Town of Conway will use grant funding toward the replacement of the oil-fired boiler at Town Hall.

Deerfield - Eaglebrook School Gymnasium: \$57,380

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 45 kW system

Deerfield - \$150,000

- The Town of Deerfield will install a new energy management system at the Deerfield Elementary School, as part of a larger performance contract consisting of numerous efficiency improvements across all municipal buildings.
- Deerfield also received an award of technical assistance consulting services to assist with the performance contract.

Egremont – \$145,170

- The Town of Egremont will upgrade to a more efficient heating system at the Town Highway Garage Building and install a 16 kW pole-mounted solar PV system.

Erving - \$81,000

- The Town of Erving will implement thermal efficiency improvements at Town Hall, including new windows, insulation, a new hot water heater, door, and a heating system air reset.

Gill - \$150,000

- The Town of Gill will replace the boiler and boiler controls at Gill Elementary School as part of a larger performance contract consisting of numerous energy efficiency improvements across six municipal buildings.
- Gill also received an award of technical assistance consulting services to assist with the performance contract.

Greenfield - Greenfield Community College - \$193,200

- This funding will help support the installation of a 77 kW roof-mounted solar PV system at the college.

Greenfield - \$150,000

- The Town of Greenfield will use this grant funding at the Greenfield Town Hall to replace windows as part of a larger performance contract.
- Greenfield also received an award of technical assistance consulting services to assist with the performance contract.

Lee - \$62,000

- The Town of Lee will make thermal efficiency improvements to the Central Fire Station and South Lee Fire Station, including boiler replacement and weatherization.

Leverett - \$150,000

- The Town of Leverett will use grant funds to replace the furnace at the Leverett Town Hall as part of a larger performance contract that will encompass numerous energy saving improvements across Leverett's municipal buildings.
- Leverett also received an award of technical assistance consulting services to assist with the performance contract.

Middlefield - \$121,278

- The Town of Middlefield will upgrade to a more efficient heating system and replace windows at the Town Hall.

Montague - \$150,000

- Town of Montague will replace the existing inefficient boiler at the Town Hall building with a high-efficiency model as part of a larger energy savings performance contract.
- Montague also received an award of technical assistance consulting services to assist with the performance contract.

New Ashford – \$13,200

- The Town of New Ashford will make weatherization improvements by adding insulation to the Town Hall.

New Marlborough - \$64,575

- The Town of New Marlborough will implement thermal efficiency measures, including insulation, air sealing, and window replacements at the Town Hall and Town Garage.

New Salem - \$134,685

- The Town of New Salem will implement numerous thermal efficiency measures in the Stowell Building, New Library, Old Library and Main Fire Station, including: insulating walls and attics, air sealing, installing window quilts and replacing the boiler in the Town Hall.

North Adams, Clarksburg - \$300,000

- The Towns of North Adams and Clarksburg will install a 38 kW solar PV system at the Northern Berkshire District's Drury High School.

North Adams, Massachusetts Museum of Contemporary Art - \$800,000

- MASS MoCA will use this funding to transition from oil heat to a biomass heating system. Other energy-efficient measures include efficient ventilation and air circulation, as well as better lighting controls. The project will help the Massachusetts Museum of Contemporary Art reduce its heating and energy costs significantly, and provide a model for other museums.

Northampton - \$150,000

- The City of Northampton will replace windows at the Smith Vocational and Agricultural High School as part of a larger energy savings performance contract.

Orange - \$150,000

- The Town of Orange will replace a boiler at Butterfield Elementary School as part of a larger performance contract which encompasses a number of energy efficiency improvements across all municipal buildings.
- The Town of Orange also received an award of technical assistance consulting services for the performance contract.

Otis - \$150,000

- The Town of Otis will implement thermal efficiency measures at the Otis Town Hall, including building envelope improvements and heating and ventilation upgrades.

Palmer – \$18,722

- The Town of Palmer will install a solar hot water system at the Water Pollution Control facility as part of a larger energy savings performance contract encompassing a number of energy efficiency improvements across all municipal buildings.
- Palmer also received an award of technical assistance consulting services to assist with the performance contract.

Pittsfield - Berkshire Community College - \$161,509

- Funding will support the implementation of an Enterprise Energy Management System, including installation of real-time building-level metering of electricity and gas at ten buildings totaling 287,316 square feet.

Pittsfield - Berkshire Community College - \$984,400

- This funding will support the installation of a 394 kW roof-mounted solar PV system at BCC.

Rowe - \$148,176

- The Town of Rowe will install a 19.6 kW pole mounted solar PV system at Rowe Elementary school.

Sheffield - \$20,000

- The Town of Sheffield will implement thermal efficiency measures at the Town Hall and the Police Department, including insulation, windows, caulk and weather strip improvements to ducts.

Shelburne - \$150,000

- The Town of Shelburne will implement thermal efficiency measures in the Cowell Gym and the Memorial Hall/Town Hall Building.

Shutesbury - \$56,673.40

- The Town of Shutesbury will install a 5 kW solar PV array and new insulation at Town Hall.
- Shutesbury will improve ductwork, replace an exhaust fan and install motorized intake dampers at the Highway Department building.

Springfield - Center for Ecological Technology - \$900,000

- The funding will support aggressive treatment and insulation of the building envelope of a 100-year-old warehouse and the installation of air-to-air heat pumps.
- The building will house a ReStore Center, which resells used and recycled building materials. Home improvement customers will be able to tour the facility to understand how the energy efficiency measures work and learn how to apply them to their own homes.

Springfield - Springfield Recycling Facility - \$322,000

- This funding will support the installation of a 129 kW roof-mounted solar PV system at the Springfield Recycling Facility.

Springfield - Atlantic Capital Investors, Inc. - \$120,805

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 117 kW system.

Springfield - Massachusetts Mutual Life Insurance Company - \$118,185

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 111 kW system.

Stockbridge - \$66,479

- The Town of Stockbridge will install a 5 kW solar PV array at Department of Public Works and a water source heat pump at Wastewater Treatment Plant.

Sunderland - \$97,000

- The Town of Sunderland will implement thermal efficiency measures at the Sunderland Public Safety Complex and the Sunderland Elementary School as part of a larger energy savings performance contract.
- Sunderland has received an award of technical assistance consulting services to assist with the performance contract.

Tyringham - \$51,102

- The Town of Tyringham will implement thermal efficiency measures at the Town Hall/Highway Garage, Fire Station, Library/Post Office and School House (now town offices), including heating system upgrade and insulation.

Ware - \$53,137

- The Town of Ware will implement thermal efficiency improvements at the Town Hall, the Police Station and the Wastewater Treatment Plant. Ware will also upgrade motors at the Wastewater Treatment Plant.

Warren - Warren Community Elementary School - \$120,000

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 115 kW system.

Warren - Quaboag Regional High/Middle School - \$114,365

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 104 kW system.

Washington - \$106,120

- The Town of Washington will implement thermal efficiency improvements at Town Hall, including installation of a more efficient boiler and the replacement of insulation.

West Springfield - Gandara Center Organization - \$56,890

- Commonwealth Solar rebate from the Massachusetts Clean Energy Center (MassCEC) for a 44 kW system.

Westfield - Western Massachusetts Hospital - \$191,817

- Funding will support the implementation of an Enterprise Energy Management System, including installation of real-time building-level metering of electricity and gas at eleven buildings totaling 191,389 square feet.

Westfield - Westfield State University - \$575,340

- Funding will help support the implementation of an Enterprise Energy Management System, including installation of real-time building-level metering of electricity and gas at nineteen buildings totaling 1,356,021 square feet.

Westfield - Westfield State University: \$273,700

- This funding will help support the installation of a 109 kW roof-mounted solar PV system at Westfield State University.

Williamsburg - \$60,093

- The Town of Williamsburg will make upgrades to the heating systems and weatherize the Town Garage and Town Hall buildings.

Windsor - \$137,500

- The Town of Windsor will implement thermal efficiency measures at Town Hall, Town Office Building and the Highway Garage, including building envelope improvements, boiler replacement and window replacements.

Statewide ARRA Initiatives

- **\$3.3 million** of American Recovery and Reinvestment Act (ARRA) funding was provided to the Division of Capital Asset Management (DCAM) for additional staffing resources to dramatically increase the number of energy projects at state facilities, including nine projects in Western Massachusetts. To date, the following projects are underway or completed:
 - Comprehensive energy conservation project at Trial Courts across the Commonwealth
 - Comprehensive energy conservation project at three Department of Public Health Hospitals, including Western Massachusetts Hospital in **Westfield**
 - Comprehensive energy conservation project at various Department of Mental Health facilities, including the Haskell Building in **Northampton**
 - Cogeneration project at Holyoke Soldiers' Home in **Holyoke**
- **\$825,000** of American Recovery and Reinvestment Act (ARRA) funding was awarded through the Department of Energy Resources' (DOER) Green Communities Division to provide technical assistance consulting services to Massachusetts municipalities for energy efficiency and renewable energy projects. This includes \$430,000 of technical assistance awarded to 20 municipalities in Western Massachusetts listed above.
- **\$8 million** of American Recovery and Reinvestment Act (ARRA) funding was provided to the Massachusetts Clean Energy Center (CEC) to install 8 MW of solar capacity across the Commonwealth, leveraging \$32 million of additional funding. This includes 12 projects in Western Massachusetts listed above.
- **\$8.2 million** of American Recovery and Reinvestment Act (ARRA) funding was provided through the Department of Energy Resources to the Division of Capital Asset Management (DCAM) and other state entities to support a comprehensive solar stimulus effort that will install nearly 4 megawatts (MW) of solar PV capacity at state facilities. This includes 4 projects in Western Massachusetts listed above.

- **\$10 million** of American Recovery and Reinvestment Act (ARRA) funding is being used by the Department of Energy Resources to implement an Enterprise Energy Management System that will measure real-time energy use and identify efficiency opportunities at over 400 buildings, covering 17 million square feet of state government facilities, resulting in energy savings between 5 percent and 15 percent. This includes 3 sites in Western Massachusetts listed above.
- **\$175,000** of American Recovery and Reinvestment Act (ARRA) funding was awarded by the Department of Energy Resources' (DOER) Green Communities Division to provide building energy code training to all municipal building code officials at no cost. Western MA municipalities have been participating in this training.
- **\$500,000** of American Recovery and Reinvestment Act (ARRA) funding was invested by the Department of Energy Resources' (DOER) Green Communities Division in the development and implementation of an online tool known as MassEnergyInsight (MEI) available to all 351 municipalities at no cost to track their energy consumption and costs. This tool allows are municipalities to make more informed decisions related to their energy needs. Western MA municipalities have been trained on the tool and are actively using it.

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